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## Patent Abstracts of Japan

PUBLICATION NUMBER : 57055962  
PUBLICATION DATE : 03-04-82

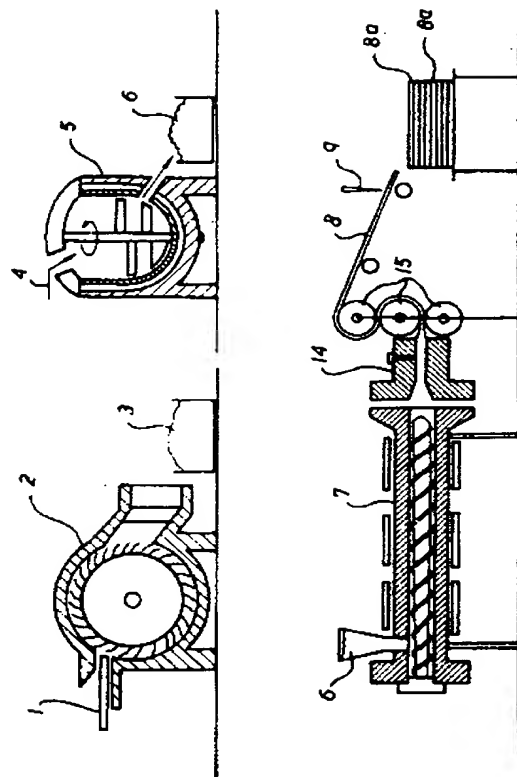
APPLICATION DATE : 10-05-80  
APPLICATION NUMBER : 55062109

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INVENTOR : OKADO SHOGO;

INT.CL. : C08L101/00 C08K 9/04

TITLE : PREPARATION OF MOLDING  
COMPOUND CONSISTING OF  
THERMOPLASTIC SYNTHETIC RESIN  
MIXED WITH ORGANIC FIBER



ABSTRACT : PURPOSE: To obtain a molding compound with excellent flexibility, strength such as impact resistance and economical efficiency, by cutting felt formed from an org. fiber contg. a thermosetting synthetic resin followed by admixture with a thermoplastic synthetic resin and extrusion into a sheet.

CONSTITUTION: Fleece is formed after a thermosetting synthetic resin such as a phenol or melamine resin is dispersed on and adhered to an opened natural fiber such as cotton, and hot air at a temp. at which said thermosetting resin is molded and cured is permeated into the fleece, to form a bulky felt or molded board 1, which is supplied to cutter 2 and cut into about 1~5mm fiber length, obtaining cut fiber 3. Then about 50~70wt% said cut fiber 3 is introduced together with about 50~70wt% thermoplastic synthetic resin to kneader 5, in which the resultant mixt. is kneaded to form pellet 6. The pellet 6 is heated, molten and extruded by use of molder 7 to form molding compound sheet 8.

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